

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033425.D
 Acq On : 16 Dec 2023 11:25
 Operator : SY/MD
 Sample : 05846-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

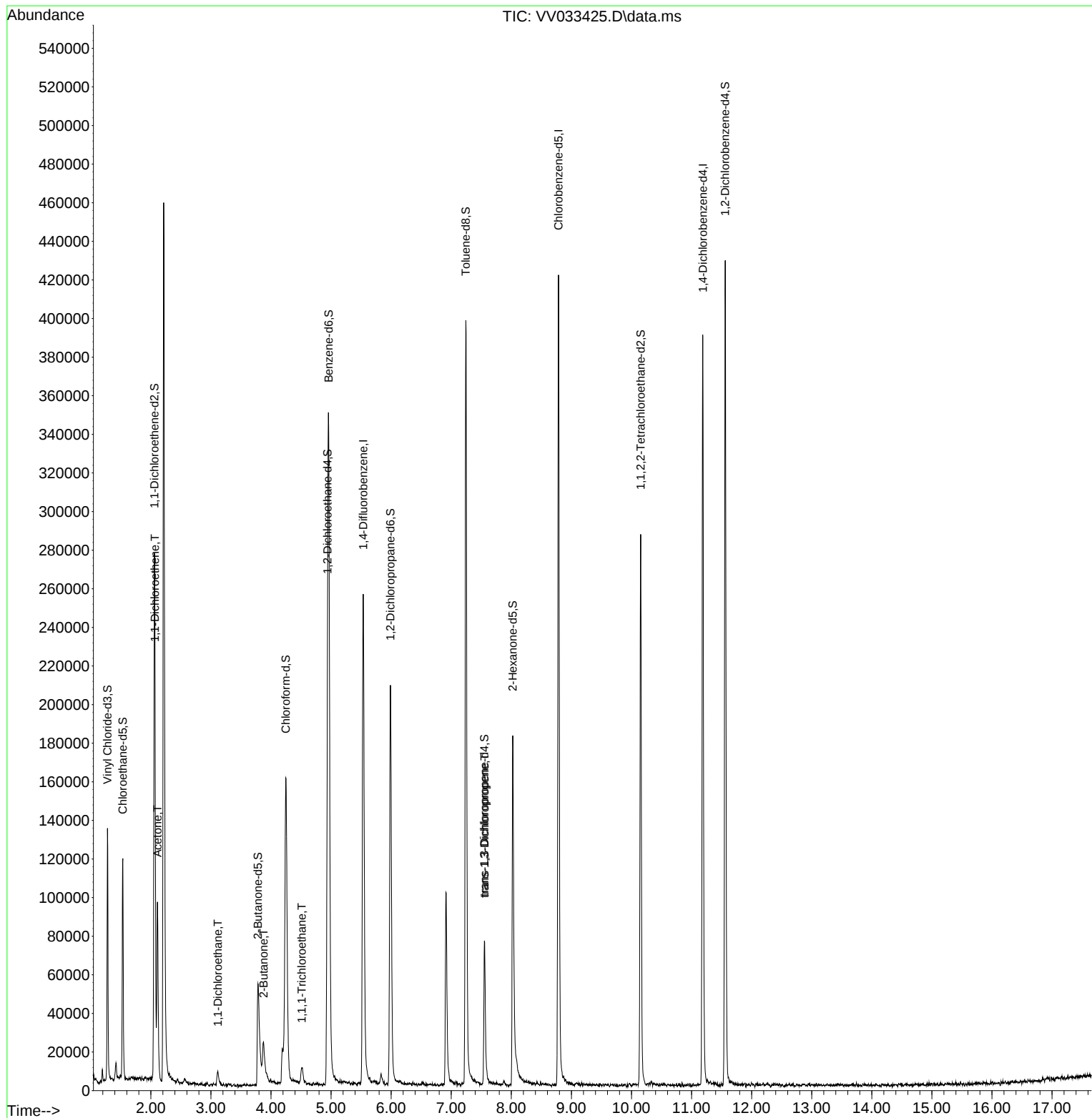
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	220179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	96219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78869	46.515	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.020%		
7) Chloroethane-d5	1.532	69	72916	47.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.840%		
11) 1,1-Dichloroethene-d2	2.060	65	39257	46.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.020%		
21) 2-Butanone-d5	3.783	46	80447	94.139	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.140%		
24) Chloroform-d	4.246	84	165478	49.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.680%		
26) 1,2-Dichloroethane-d4	4.941	65	107091	51.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.960%		
32) Benzene-d6	4.960	84	309708	50.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.940%		
36) 1,2-Dichloropropane-d6	5.989	67	94021	50.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.960%		
41) Toluene-d8	7.243	98	259394	46.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.380%		
43) trans-1,3-Dichloroprop...	7.551	79	42710	46.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.580%		
47) 2-Hexanone-d5	8.024	63	57615	91.969	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.970%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	130070	48.589	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.180%		
66) 1,2-Dichlorobenzene-d4	11.561	152	102883	56.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.800%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	21215	13.673	ug/L #	3
13) Acetone	2.111	43	89582	90.310	ug/L	99
19) 1,1-Dichloroethane	3.114	63	6386	2.272	ug/L	95
22) 2-Butanone	3.876	43	34802	35.611	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	6405	2.277	ug/L #	80
44) trans-1,3-Dichloropropene	7.555	75	2264	0.942	ug/L	97

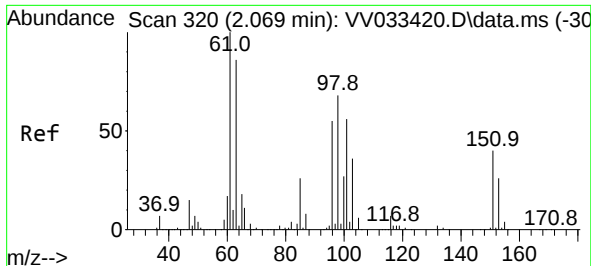
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.673 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

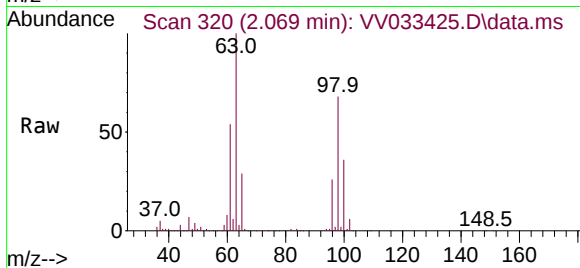
Lab File: VV033425.D

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MSVOA_V

ClientSampleId :



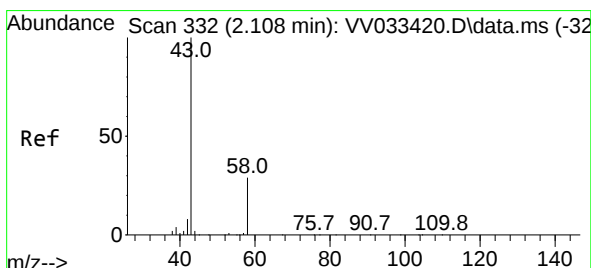
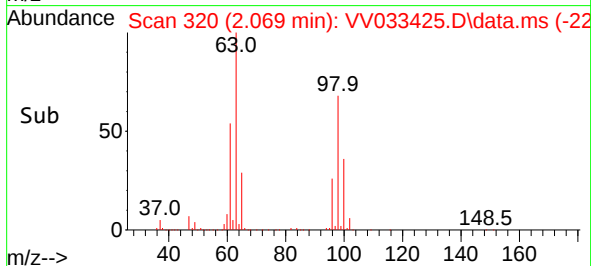
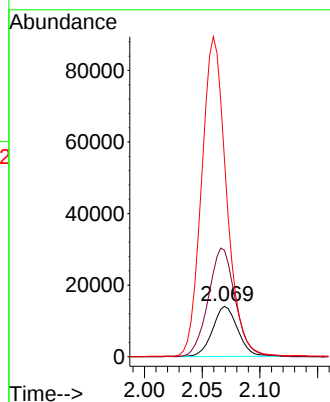
Tgt Ion: 96 Resp: 21215

Ion Ratio Lower Upper

96 100

61 211.0 124.3 230.8

63 389.4 108.1 200.7#



#13

Acetone

Concen: 90.310 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033425.D

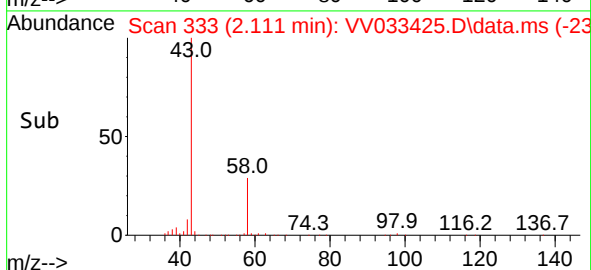
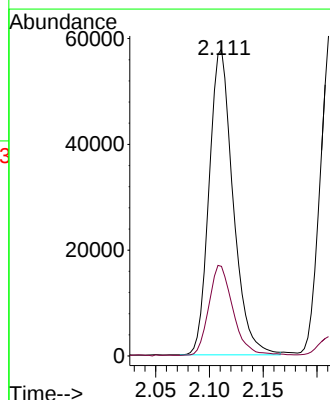
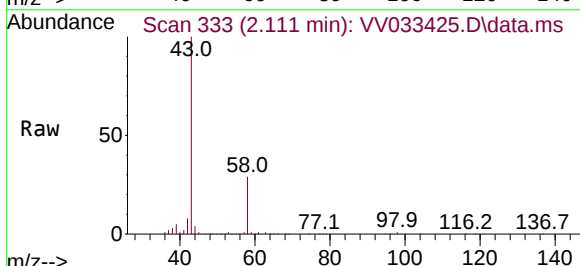
Acq: 16 Dec 2023 11:25

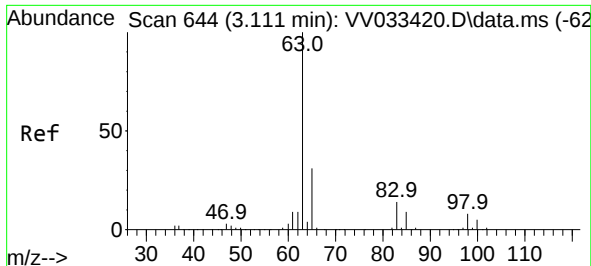
Tgt Ion: 43 Resp: 89582

Ion Ratio Lower Upper

43 100

58 30.1 0.0 59.2





#19

1,1-Dichloroethane

Concen: 2.272 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

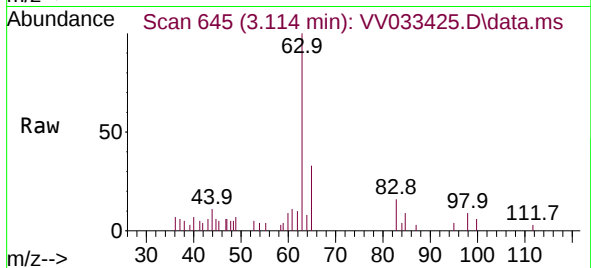
Lab File: VV033425.D

Acq: 16 Dec 2023 11:25

Instrument :

MSVOA_V

ClientSampleId :



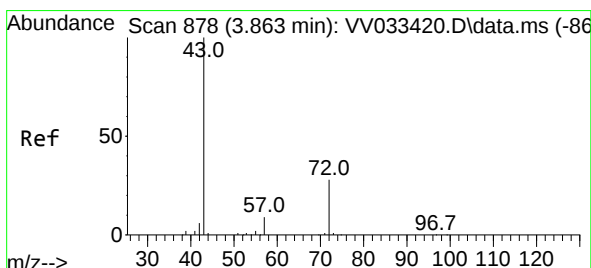
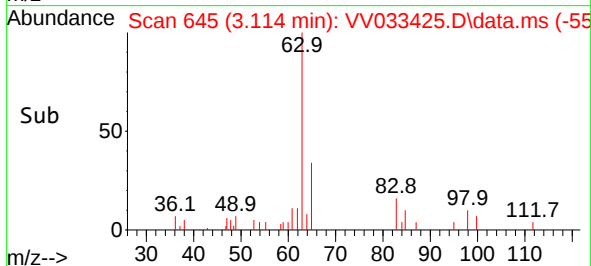
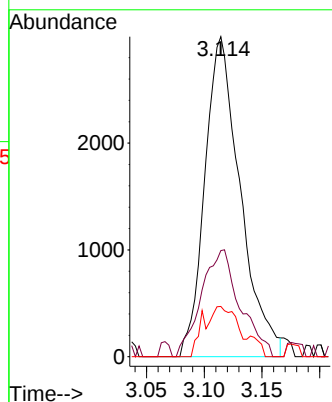
Tgt Ion: 63 Resp: 6386

Ion Ratio Lower Upper

63 100

65 33.2 21.1 39.3

83 15.7 9.7 17.9



#22

2-Butanone

Concen: 35.611 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.013 min

Lab File: VV033425.D

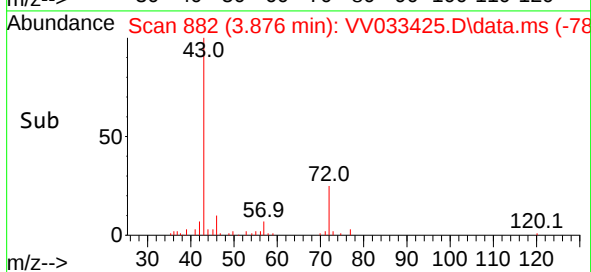
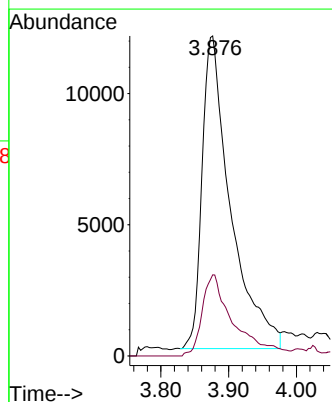
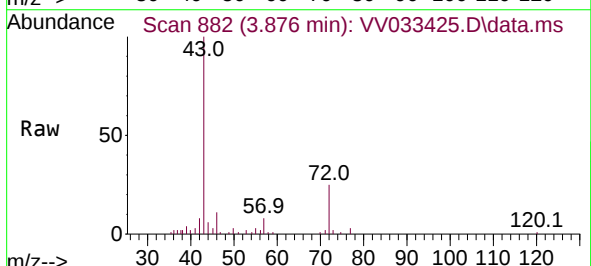
Acq: 16 Dec 2023 11:25

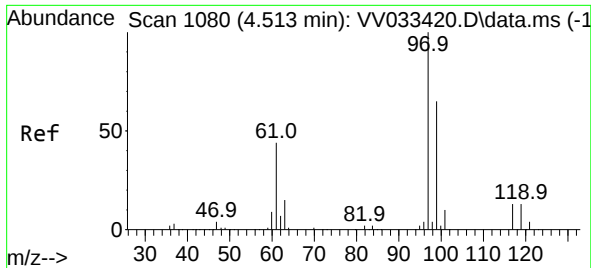
Tgt Ion: 43 Resp: 34802

Ion Ratio Lower Upper

43 100

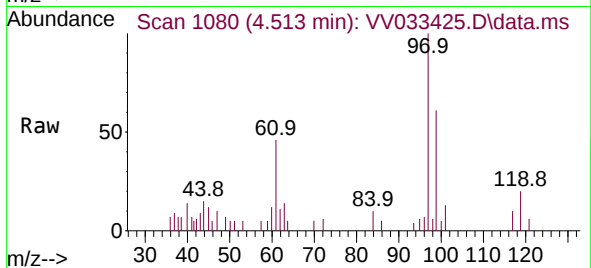
72 26.9 12.4 37.4



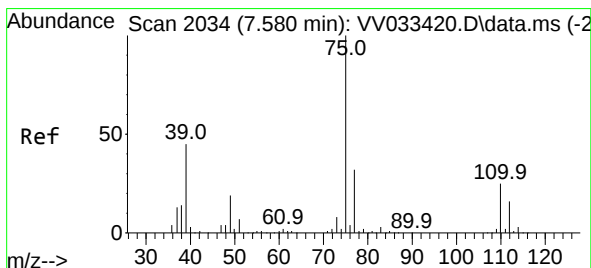
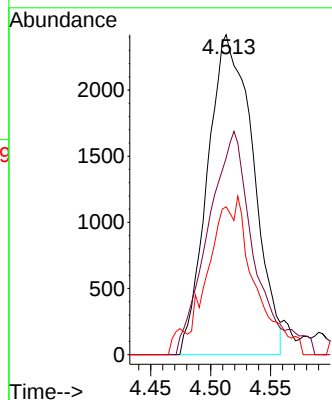
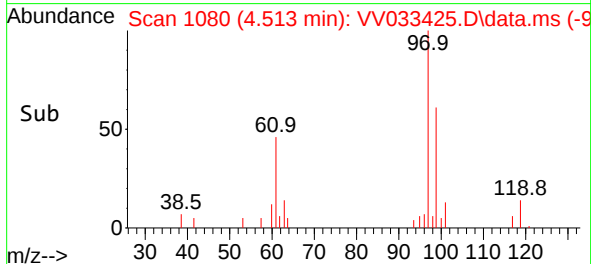


#30
1,1,1-Trichloroethane
Concen: 2.277 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV033425.D
Acq: 16 Dec 2023 11:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 6405
Ion Ratio Lower Upper
97 100
99 67.4 51.8 77.6
61 14.3 34.8 52.2#



#44
trans-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 7.555 min Scan# 2026
Delta R.T. -0.026 min
Lab File: VV033425.D
Acq: 16 Dec 2023 11:25

Tgt Ion: 75 Resp: 2264
Ion Ratio Lower Upper
75 100
77 30.1 22.4 41.6

